

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

503.30414V22

SERIAL NO.

09/766596

APPLICANT
KATO, et al.

FILING DATE
January 23, 2001

GROUP
3749

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09/766596

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PAW	3 6 5 2 4 4 4	2-72	Lester, et al.			
PAW	3 9 8 1 7 9 1	9-76	Rosvold			
PAW	4 2 2 6 8 9 7	10-80	Coleman			
PAW	4 3 1 1 4 2 7	1-82	Coad, et al.			
PAW	4 3 1 3 8 1 5	2-82	Graves, Jr. et al.			
PAW	4 4 4 9 8 8 5	5-84	Hertel, et al.			
PAW	4 4 5 7 6 6 1	7-84	Flint, et al.			
PAW	4 5 3 4 3 1 4	8-85	Ackley			
PAW	4 5 6 3 2 4 0	1-86	Shibata, et al.			
PAW	4 6 3 4 3 3 1	1-87	Hertel			
PAW	4 7 0 5 9 5 1	11-87	Layman, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PAW	6 2 8 9 8 8 1	4-87	Japan			X	
PAW	6 2 2 0 7 8 6 6	9-87	Japan			X	
PAW	1 3 1 9 7 0	2-89	Japan			X	
PAW	1 3 1 9 7 1	2-89	Japan			X	
PAW	6 3 6 5 8 2	1-89	Japan			X	
PAW	1 1 3 5 0 1 5	5-89	Japan			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PAW	R.P.H. Chang, "Multipurpose plasma reactor for materials research and processing", J. Vac. Sci. Technol., Vol. 14, No. 1, Jan./Feb. 1977, pages 278-280.
PAW	Semiconductor Equipment Association of Japan, "Terminological Dictionary of Semiconductor Equipment", front, table, page 183, back, Nov. 20, 1987.
PAW	Semiconductor Equipment Association of Japan, "Semiconductor News", Vol. 4, pp. 38-43, April 10, 1987 (w/ translation).

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P. Wilson

DATE CONSIDERED

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PAW	4 7 1 5 7 6 4	12-87	Hutchinson			
PAW	4 8 5 1 1 0 1	7-89	Hutchinson			
PAW	4 8 3 6 7 3 3	6-89	Hertel, et al.			
PAW	4 8 3 6 9 0 5	6-89	Davis, et al.			
PAW	4 8 9 5 1 0 7	1-90	Yano, et al.			
PAW	4 9 0 2 9 3 4	2-90	Miyamura, et al.			
PAW	4 9 0 3 9 3 7	2-90	Jakuniec, et al.			
PAW	4 9 0 9 6 9 5	3-90	Hurwitt, et al.			
PAW	4 9 1 1 5 9 7	3-90	Maydan, et al.			
PAW	4 9 1 5 5 6 4	4-90	Erer, et al.			
PAW	4 9 1 7 5 5 6	4-90	Stark, et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
PAW 2 6 5 2 5 2	3-90	Japan			X	
PAW 6 4 1 2 0 3 7	1-89	Japan			X	
PAW 2 6 1 0 6 4	3-90	Japan				X
PAW 1 3 1 0 5 5 3	12-89	Japan				X
PAW 1 2 5 1 7 3 4	10-89	Japan				X
PAW 6 2 4 4 5 7 1	2-87	Japan				X

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PAW	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
PAW	5 2 9 2 3 9 3	3-94	Maydan, et al.			
PAW	5 4 5 2 1 6 6	9-95	Aylwin, et al.			
PAW	5 5 0 4 0 3 3	4-96	Bajor, et al.			
PAW	5 5 0 4 3 4 7	4-96	Jovanovic, et al.			
PAW	5 5 5 6 7 1 4	9-96	Fukuyama, et al.			
PAW	5 6 5 1 8 5 8	7-97	Lin			
PAW	5 6 7 5 4 6 1	10-97	Aylwin, et al.			
PAW	4 3 1 3 7 8 3	2-82	Davies, et al.			
PAW	4 3 1 8 7 6 7	3-82	Hijikata, et al.			
PAW	4 9 6 9 7 9 0	11-90	Petz, et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
PAW 6 2 5 0 4 6 3	3-87	Japan			
PAW 2 1 0 6 0 3 7	4-90	Japan			X
PAW 5 7 2 9 5 7 7	2-82	Japan			X
PAW 6 3 1 5 3 2 7 0	6-88	Japan			x

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PAW	4 9 2 4 8 9 0	5-90	Giles, et al.	134	902	
PAW	4 9 3 6 3 2 9	6-90	Michael, et al.	134	902	
PAW	5 0 1 4 2 1 7	5-91	Savage	364	550	
PAW	5 0 0 7 9 8 1	4-91	Kawasaki, et al.			
PAW	4 1 3 8 3 0 6	2-79	Niwa	156	345	
PAW	4 5 7 6 6 9 8	3-86	Gallagher, et al.	204	192	
PAW	5 0 1 4 2 1 7	5-91	Savage	364	498	
PAW	5 3 5 1 4 1 5	10-94	Brooks, et al.	34	389	
PAW	4 6 4 3 6 2 9	2-87	Takahashi, et al.	414	331	
PAW	4 8 2 4 3 0 9	4-89	Kakehi, et al.	414	217	
PAW	4 9 5 1 6 0 1	8-90	Maydan, et al.	414	217X	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
PAW 2 0 3 8 1 3 3 8	5-90	Europe			
PAW 6 4 1 2 0 3 7	1-89	Japan			
PAW 4 3 0 5 4 9	4-92	Japan			
PAW 8 7 0 7 3 0 9	5-87	PCT Int'l Appl.			
PAW 2 9 4 6 4 7	4-90	Japan			
PAW 6 0 2 4 6 6 3 5	12-85	Japan			

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PAW	5 5 0 9 7 7 1	4-96	Hiroki	414	217	
PAW	5 4 6 2 3 9 7	10-95	Iwabuchi	414	222	
PAW	5 6 8 5 6 8 4	11-97	Kato, et al.	414	217	
PAW	4 9 2 3 5 8 4	5-90	Bramhall, Jr., et al.			
PAW	5 4 3 6 8 4 8	7-95	Nishida, et al.			

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						YES	NO
PAW	1 2 9 8 1 8 0	12-89	Japan				
PAW	2 0 2 4 6 4 5 3	4-87	Europe				
PAW	2 6 5 2 5 2	3-90	Japan				

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	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
PAN	AM	63-133521	06/06/88	Japan		x	
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner		Date Considered
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